

CHAPTER VII—AGRICULTURE, FOREST, CO-OPERATION AND MARKETING.

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(i) Weather and Crop Condition

715. The following statement furnishes the particulars of Rainfall (in Millimeters).

District	South-West Monsoon		North-East Monsoon		Total	
	April 1956 to September 1956	Average	October 1956 to March 1957	Average	April 1956 to March 1957	Average
1 Bangalore	433	548	564	229	997	777
2 Kolar	537	491	497	228	1034	719
3 Tumkur	371	464	426	205	797	669
4 Mysore	318	503	433	246	751	749
5 Mandya	285	438	563	249	848	687
6 Hassan	540	761	419	254	959	1015
7 Shimoga	1630	1282	945	195	1975	1477
8 Chikmagalur	1799	1684	489	254	2288	1888
9 Chitradurga	436	389	313	177	749	566
10 Bellary	550	439	308	159	858	598
11 Bidar	1177	745	212	112	1339	857
12 Raichur	698	468	278	111	976	579
13 Gulbarga	N.R.	611	N.R.	106	N.R.	717
14 Bijapur	574	425	261	145	835	570
15 Belgaum	966	622	313	170	1279	792
16 N. Kanara	2969	2498	375	217	3344	2715
17 S. Kanara	3942	3527	465	344	4407	3871
18 Coorg	2495	2329	467	374	2962	2703
19 Dharwar	563	516	343	176	906	692

716. The highest rainfall for the year (from 1st April 1956 to 31st March 1957) was 9825.5 millimeters at Augumbe in the Shimoga District. The lowest total for the year was 311.1 millimeters gauged at Hagalyadi in the Tumkur District.

717. The heaviest fall in 24 hours for the year was at Makut in the Coorg District, where a rainfall of 304.5 millimeters was recorded on the 16th August 1956.

EFFECT OF RAINFALL ON PRODUCTION.

718. The 1956-57 season was characterised by uneven distribution of rains which proved inadequate in the early stages and excessive and untimely in the later stages over a large part of the State.

719. Light to fair rains were recorded all over the State during the month of April 1956. This was favourable to some extent to the standing crops like summer paddy,

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sugarcane, cotton, jowar, etc. The rainfall during May 1956 was scattered and unevenly distributed and fell short of the requirements in all the districts except Bellary and Shimoga Districts. The sowing operations were held up in almost all the taluks of Mysore District and particularly in Mysore, Chamarajanagar, Gundlupet, Hunsur and Nanjangud taluks. Standing crops were reported to be withering in parts of Mysore District. The rainfall during June 1956 though generally widespread, still fell short of the requirements in Kolar, Tumkur and Mysore Districts. More rains were needed to promote healthy growth of the standing crops. Sowings of kharif crops and transplanting of paddy were in progress in parts of Hassan, Shimoga and Chikmagalur Districts. Conditions, somewhat improved during the month of July 1956. Sowing operations of dry and wet crops were completed in almost all the districts. Rains during the second fortnight of July 1956 helped standing crops to a certain extent. The rainfall during August 1956 was much below the average in all the districts. Sowing operations were held up in parts of Tumkur District for want of rains. Transplantation of paddy could not be taken up in Chamarajanagar and Gundlupet taluks of Mysore District, due to inadequate supply of water in tanks.

720. The standing crops showed signs of withering owing to failure of rains during September 1956, in parts of Bangalore, Tumkur, Mysore and Mandya Districts. The rainfall received in October 1956 proved somewhat excessive. Unprecedented rains during the first fortnight of October 1956 throughout Mysore State caused considerable damage to crops, roads and bridges. Many tanks were breached in Kolar and Tumkur Districts. Consequently, standing crops under tank atchkats were washed away. Harvesting of ragi, jola, minor millets, paddy, til and groundnut was in progress by the end of the month. Light to fair rainfall was recorded during November 1956. There was no rainfall during the months of December 1956 and January 1957 except for light showers during the first week of December 1956 in Bellary District. Standing rabi crops throve well. Sowing of paddy was nearing completion in parts of Kanara District. Except for light showers of rain